




Memo

Date: June 28, 2007
To: C. Pearson
From: M. Davis, NEPA/NHPA Coordinator 
Subject: NEPA Review – RHIC Stochastic Cooler Control Trailer

I have reviewed the documentation associated with the following RHIC facility project, as required by 10 CFR 1021, DOE's Rules for Implementing the National Environmental Policy Act.

RHIC Stochastic Cooler Control Trailer: The proposed action would install a control trailer for the stochastic cooling system on the RHIC soil shield (berm) above sector 11. Specifically it will:

- Install a control trailer on the RHIC berm above the sector 11 warm section
- Install access stairs up the RHIC berm to the control trailer
- Install 2 vertical pipe ports in the sector 11 location
- Install 1 vertical port on the RHIC berm above the sector 2 warm section

This action would be performed within existing disturbed areas of the RHIC berm and involve small-scale excavation, such as grade leveling for structure placement and installation of footings. Appropriate best management practices (silt fencing, or hay bales) would be installed as determined necessary in the affected area to prevent soil and silt from reaching the Peconic River wetlands. The total area of excavation is less than 1 acre. The area of effect would be within ½ mile of the Peconic River, thereby requiring a permit under the Wild, Scenic and Recreational River Systems Act. BNL would submit an application for the permit to the New York State Department of Environmental Conservation (NYSDEC). Note: A NEPA Review for ADS # A4D0034, RHIC Stochastic Cooling System was performed in June 2006.

The proposed project represents enhancements/system optimization to an existing facility. It is my opinion that the proposed actions fall within the scope of the RHIC Environmental Assessment, DOE EA #0508, as well as the October 2001 "Maintenance of BNL Facilities" categorical exclusion. This review has been coordinated with C. Polanish, NEPA Coordinator for the DOE Brookhaven Site Office. Please keep in mind that should the scope of the project change, it would need to be resubmitted for NEPA review. If you have questions about this review please do not hesitate to contact me at extension 2165.

cc: G. Goode, T. Green, R. Lee, E. Lessard, C. Polanish (DOE-BHSO), J. Selva, M. Van Essendelft
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